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transmitting the transferred data with the wireless transmitter over an airlink to a host computer system; and

analyzing the transmitted data with the host computer system to determine the vehicle's fuel efficiency.--

In the Abstract:

Please replace the present Abstract with the following:

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--A method for characterizing a vehicle's fuel efficiency including generating parameter-related data from the vehicle that describes at least one of a plurality of vehicle parameters including: vehicle speed, fuel level, engine speed, load, mass air flow, manifold air pressure, odometer reading; transferring the parameter-related data to a wireless appliance including a wireless transmitter; transmitting the parameter-related data with the wireless transmitter over an airlink to a host computer system; and analyzing the transmitted parameter-related data with the host computer system to calculate the vehicle's fuel efficiency, wherein the analyzing involves determining an amount of fuel consumed by the vehicle during an interval, determining a distance traveled by the vehicle during the interval, and calculating the vehicle's fuel efficiency from the amount of fuel consumed and the distance traveled during the interval.--